ABSTRACT OF THE DISCLOSURE

Process for supplementing an alcoholic beverage with constituents, during production, in which, when the beverage is in a production container, carrying out an addition to the beverage of the constituents with a dosage of constituents predetermined as a function of the difference, measured or estimated, of the content in the constituents between a barrel of new wood of the best essence and said production container. Supplemental additions are carried out at predetermined intervals and with dosages predetermined as a function of the nature of the container, so as to compensate over the course of time the decrease by degradation of the constituents and to obtain a concentration curve in constituents in the beverage tending toward that which would be obtained with the barrel of the best essence instead and in place of the container.